

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 76009-77346	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/SE 2004/001613	International filing date (day/month/year) 8 November 2004	(Earliest) Priority Date (day/month/year) 19 November 2003
Applicant Maquet Critical Care AB et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (see Box No. II)

3. Unity of invention is lacking (see Box No. III)

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

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International application No.

PCT/SE 2004/001613

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61M 16/22, A61M 16/00, A61M 16/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5400778 A (JONSON, B. ET AL), 28 March 1995 (28.03.1995), see the whole document --	1-8
A	US 6298848 B1 (SKOG, G.), 9 October 2001 (09.10.2001), see the whole document --	1-8
A	US 5896854 A (BLISS, P.L. ET AL), 27 April 1999 (27.04.1999), see the whole document --	1-8
A	US 5850833 A (KOTLIAR, I.K.), 22 December 1998 (22.12.1998), see the whole document --	1-8

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

28-02-2005

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001613

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DE ROBERTIS, E. et al. 'Aspiration of airway dead space: a new method to enhance CO₂ elimination'. American journal of respiratory and critical care medicine, March 1999, ISSN 1073-449X, vol 159, nr 3, pg 728-732.</p> <p>---</p> <p>-----</p>	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/SE 2004/001613

US	5400778	A	28/03/1995	DE	69121914	D, T	06/02/1997
				EP	0592413	A, B	20/04/1994
				ES	2091931	T	16/11/1996
				JP	3194948	B	06/08/2001
				JP	5509010	T	16/12/1993
				SE	500550	C	11/07/1994
				SE	9002161	A	19/12/1991
				WO	9119526	A	26/12/1991
				AT	128613	T	15/10/1995
				DE	69205276	D, T	18/04/1996
				DK	574428	T	05/02/1996
				EP	0574428	A, B	22/12/1993
				ES	2089500	T	01/10/1996
				FI	933475	A	13/08/1993
				JP	6505173	T	16/06/1994
				NO	932781	A	04/08/1993
				SE	468072	B, C	02/11/1992
				SE	9100435	A	14/08/1992
				WO	9214388	A	03/09/1992
US	6298848	B1	09/10/2001	DE	19950134	A	04/05/2000
				SE	9803685	D	00/00/0000
US	5896854	A	27/04/1999	CA	2330772	A	11/11/1999
				EP	1076576	A	21/02/2001
				JP	3566925	B	15/09/2004
				JP	2002513648	T	14/05/2002
				US	6437770	B	20/08/2002
				WO	9956806	A	11/11/1999
US	5850833	A	22/12/1998	US	5799652	A	01/09/1998
				US	5887439	A	30/03/1999
				US	5924419	A	20/07/1999
				WO	9637176	A	28/11/1996